

ABSTRACT OF THE DISCLOSURE

A photonic package includes a housing having a semiconductor light source disposed within the housing. The semiconductor light source has a first output and a second output. A reflective surface is disposed inside the housing to reflect the
5 second output from the semiconductor light source. A photodetector is also disposed within the housing and is adapted to indirectly receive the second output of the semiconductor light source reflected off the reflective surface. As a result, interior surface of a housing of an optical transponder may be utilized to provide reflected light to a photodetector to monitor the semiconductor light source.